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# OM protein - protein search, using sw model-1

Run on: January 16, 2003, 16:43:32 : Search time = 14266 seconds  
(without alignments)  
28,506 Million cell updates/sec

Title: US-09-856-070-16

Perfect score: 25

Sequence: 1 EPEKE 5

Scoring table: PROSUM62

Gapop 10 0 , Gapext 0.5

Searched: 262574 seqs, 29422922 residues

Total number of hits satisfying chosen parameters: 262574

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_AA.\*

1: /cgn2\_6/ptodata/2/iaa/5A.COMB.pep.\*

2: /cgn2\_6/ptodata/2/iaa/5B.COMB.pep.\*

3: /cgn2\_6/ptodata/2/iaa/6A.COMB.pep.\*

4: /cgn2\_6/ptodata/2/iaa/6B.COMB.pep.\*

5: /cgn2\_6/ptodata/2/iaa/PTCUS.COMB.pep.\*

6: /cgn2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred No is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	25	100.0	12	2	US 08 762-695-6
2	25	100.0	12	2	US 08 548-711A 6
3	25	100.0	12	4	US 08 735-927 6
4	25	100.0	14	1	US 08 461-564 2
5	25	100.0	122	1	US 08 612 986 7
6	25	100.0	122	1	US 08 361-806A 7
7	25	100.0	122	5	PCT-US95-16806A 7
8	25	100.0	133	4	US 08 905-223-412
9	25	100.0	218	4	US 08 914-375C-6
10	25	100.0	218	4	US 08 914-375C-11
11	25	100.0	218	4	US 08 914-375C-14
12	25	100.0	218	4	US 08 914-375C-15
13	25	100.0	218	4	US 08 914 375C 30
14	25	100.0	288	2	US 08 961-858 6
15	25	100.0	288	3	US 08 089-544-6
16	25	100.0	288	3	US 08 953-925 4
17	25	100.0	341	2	US 08 538 711A 8
18	25	100.0	341	4	US 08 745-827 8
19	25	100.0	394	1	US 08 357-264 3
20	25	100.0	394	1	US 08 672-514 3
21	25	100.0	432	2	US 08 943 750C-47
22	25	100.0	432	4	US 09 234-613-47
23	25	100.0	586	4	US 09 040-725A 1
24	25	100.0	605	4	US 09 394-645-2
25	25	100.0	605	4	US 09 243 540R 2
26	25	100.0	686	2	US 08 993 228 12
27	25	100.0	717	4	US 09 307-143-2

Sequence 8, Appli  
Sequence 6, Appli  
Sequence 1, Appli  
Sequence 11, Appli  
Sequence 1, Appli  
Sequence 23, Appli  
Sequence 7, Appli  
Sequence 7, Appli  
Sequence 7, Appli  
Sequence 94, Appli  
Sequence 5, Appli  
Sequence 5, Appli  
Sequence 4, Appli  
Sequence 12, Appli  
Sequence 33, Appli

## ALIGNMENTS

### RESULT 1

US-08-762-695-6

; Sequence 6, Application US/08762695

; Patent No. 5846738

; GENERAL INFORMATION:

; APPLICANT: SEIDEL, CHRISTOPH

; APPLICANT: BIALK, PETER

; APPLICANT: VON DER ELIZ, HERBERT

; TITLE OF INVENTION: SYNTHETIC STARCAP FOR IMMUNOASSAYS

; NUMBER OF SEQUENCES: 11

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: NIKALDO, MARCELSTEIN, MURRAY, AND ORAM

; STREET: METROPOLITAN SQUARE, 655 15TH ST. N.W., SUITE

; CITY: WASHINGTON

; STATE: D.C.

; COUNTRY: USA

; ZIP: 20005-5701

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; COMPUTER: IBM PC compatible

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/08/762-695

; FILING DATE: 22-LEI-1996

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/325,589

; FILING DATE: 19-OCT-1994

; APPLICATION NUMBER: DE P 43 35 798.9

; FILING DATE: 20-OCT-1993

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: DE P 44 17 735.6

; FILING DATE: 20-MAY-1994

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: DE P 44 20 742.5

; FILING DATE: 15-JUN-1994

; ATTORNEY/AGENT INFORMATION:

; NAME: NOLAN, SHARON L.

; REGISTRATION NUMBER: 36,335

; REFERENCE/DOCKET NUMBER: P1614.4050

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (202)638 5000

; TELEFAX: (202)638 4819

; INFORMATION FOR SEQ ID NO: 6:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 12 amino acids

; TYPE: amino acid

; STRANDEDNESS: single

TOPOLOGY: linear  
MOLECULE TYPE: peptide

Query Match 100.0%; Score 25; DB 2; Length 12;  
Best Local Similarity 100.0%; Pred. No. 15;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5  
DB 8 EREKE 12

## RESULT 2

US 08-548 711A-6  
Sequence 6, Application US/08538711A  
Patent No. 5994062

## GENERAL INFORMATION:

APPLICANT: MUSHINE, JAMES, L.  
TITLE OF INVENTION: AN EPITHELIAL PROTEIN AND  
METHOD THEREOF FOR USE IN EARLY CANCER DETECTION  
NUMBER OF SEQUENCES: 23

## CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154

## COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/548 711A  
FILING DATE: 02-OCT-1995

## CLASSIFICATION:

435

## PRIOR APPLICATION DATA:

APPLICATION NUMBER:

## FILING DATE:

02-OCT-1995

## ATTORNEY/AGENT INFORMATION:

NAME: KATHRYN M. BROWN  
REGISTRATION NUMBER: 34,556

## REFERENCE/DOCKET NUMBER:

2026-4201

## TELEPHONE:

(212) 758-4800

## TELEFAX:

(212) 751-6849

## INFORMATION FOR SEQ ID NO:

5;

## SEQUENCE CHARACTERISTICS:

LENGTH: 12

TYPE: Amino Acid

STRANDEDNESS: Unknown

TOPOLOGY: Linear

MOLECULE TYPE: peptide

US 08-548-711A-6

Query Match 100.0%; Score 25; DB 2; Length 12;  
Best Local Similarity 100.0%; Pred. No. 15;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5  
DB 1 EREKE 5

## RESULT 3

US 08-725-027-6

Sequence 6, Application US/08725027

Patent No. 6251586

## GENERAL INFORMATION:

APPLICANT: MUSHINE, JAMES, L.

ATTORNEY/AGENT INFORMATION:

NAME: TUCKMAN, MELVIN, S.

TITLE OF INVENTION: AN EPITHELIAL PROTEIN AND  
METHOD THEREOF FOR USE IN EARLY CANCER DETECTION  
NUMBER OF SEQUENCES: 23

## CORRESPONDENCE ADDRESS:

ADDRESSEE: MORGAN & FINNEGAN, L.L.P.  
STREET: 345 PARK AVENUE  
CITY: NEW YORK  
STATE: NEW YORK  
COUNTRY: USA  
ZIP: 10154

## COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY DISK  
COMPUTER: IBM PC COMPATIBLE  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: ASCII

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/725,027  
FILING DATE: 02-OCT-1996

## PRIOR APPLICATION DATA:

APPLICATION NUMBER: US08/538,711

## FILING DATE:

02-OCT-1995

## ATTORNEY/AGENT INFORMATION:

NAME: KATHRYN M. BROWN  
REGISTRATION NUMBER: 34,556

## REFERENCE/DOCKET NUMBER:

2026-4201US1

## TELEPHONE:

(212) 758-4800

## TELEFAX:

(212) 751-6849

## INFORMATION FOR SEQ ID NO:

6;

## SEQUENCE CHARACTERISTICS:

LENGTH: 12

TYPE: Amino Acid

STRANDEDNESS: Unknown

TOPOLOGY: Linear

MOLECULE TYPE: peptide

US-08-725-027-6

Query Match 100.0%; Score 25; DB 4; Length 12;  
Best Local Similarity 100.0%; Pred. No. 15;  
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5  
DB 1 EREKE 5

## RESULT 4

US-08-461-564-2

Sequence 2, Application US/08461564

Patent No. 5773573

## GENERAL INFORMATION:

APPLICANT: Holms, Rupert

TITLE OF INVENTION: Aids Prophylactics

## NUMBER OF SEQUENCES:

3

## CORRESPONDENCE ADDRESS:

ADDRESSEE: Saliwanchik Lloyd & Saliwanchik

STREET: 2421 N.W. 41st Street, Suite A-1

CITY: Gainesville

STATE: FL

COUNTRY: US

ZIP: 32606-6669

## COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patent In Release #1.0, Version #1.30

## CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/461,564

FILING DATE: 05-JUN-1995

CLASSIFICATION: 424

ATTORNEY/AGENT INFORMATION:

NAME: Pace, Doran R.

REGISTRATION NUMBER: 38,261

```

: REFERENCE/DOCKET NUMBER: GJE15
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: 352-375-8100
: TELEFAX: 352-372-5800
: INFORMATION FOR SEQ ID NO: 2:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 14 amino acids
: TYPE: amino acid
: STRANDEDNESS: single
: TOPOLOGY: linear
: MOLECULE TYPE: peptide
: US-08-461-564-2

```

```

Query Match 100.0% Score 25, DB 1, Length 14,
Best Local Similarity 100.0%, Pred. No. 17;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
QY 1 EREKE 5

```

```
DB 10 EREKE 14

```

```

RESULT 5
US-08-612-986-7
: Sequence 7, Application US/08/612-986
: Patent No. 5770384
: GENERAL INFORMATION:
: APPLICANT: Elliot J. Androphy
: APPLICANT: Dave E. Breiding
: TITLE OF INVENTION: E2 BINDING PROTEINS
: NUMBER OF SEQUENCES: 19
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lahive & Cockfield
: STREET: 60 State Street, suite 510
: CITY: Boston
: STATE: Massachusetts
: COUNTRY: USA
: ZIP: 02109-1875

```

```

: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: ASCII text
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/612-986
: FILING DATE:
: CLASSIFICATION: 800

```

```

: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: 08/361,806
: FILING DATE: 22 DEC 1994
: CLASSIFICATION: 800
: ATTORNEY/AGENT INFORMATION:
: NAME: Myers, Paul L.
: REGISTRATION NUMBER: 35,965
: REFERENCE/DOCKET NUMBER: NEP-004DV
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (617) 227-7400
: TELEFAX: (617) 227-5941

```

```

: INFORMATION FOR SEQ ID NO: 7:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 122 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-612-986-7

```

```

Query Match 100.0% Score 25, DB 1, Length 122,
Best Local Similarity 100.0%, Pred. No. 1,3e+02;
Matches 5; Conservative 0, Mismatches 0, Indels 0; Gaps 0;

```

```
QY 1 EREKE 5

```

```
DB 82 EREKE 86

```

```

RESULT 6
US-08-361-806A-7
: Sequence 7, Application US/08/361806A
: Patent No. 5792833
: GENERAL INFORMATION:
: APPLICANT: Elliot J. Androphy
: APPLICANT: Dave E. Breiding
: TITLE OF INVENTION: E2 BINDING PROTEINS
: NUMBER OF SEQUENCES: 19
: CORRESPONDENCE ADDRESS:
: ADDRESSEE: Lahive & Cockfield
: STREET: 60 State Street, suite 510
: CITY: Boston
: STATE: Massachusetts
: COUNTRY: USA
: ZIP: 02109-1875

```

```

: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: ASCII text
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/08/361,806A
: FILING DATE: 22 DEC 1994
: CLASSIFICATION: 510

```

```

: ATTORNEY/AGENT INFORMATION:
: NAME: Myers, Paul L.
: REGISTRATION NUMBER: 35,965
: REFERENCE/DOCKET NUMBER: NEP-004
: TELECOMMUNICATION INFORMATION:
: TELEPHONE: (617) 227-7400
: TELEFAX: (617) 227-5941

```

```

: INFORMATION FOR SEQ ID NO: 7:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 122 amino acids
: TYPE: amino acid
: TOPOLOGY: linear
: MOLECULE TYPE: protein
: US-08-361-806A-7

```

```

Query Match 100.0% Score 25, DB 1, Length 122;
Best Local Similarity 100.0%, Pred. No. 1,3e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```
QY 1 EREKE 5

```

```
DB 82 EREKE 86

```

```

RESULT 7
PCT-US95-16806A-7
: Sequence 7, Application PCT/US9516806A
: GENERAL INFORMATION:
: APPLICANT:
: TITLE OF INVENTION: E2 Binding Proteins
: NUMBER OF SEQUENCES: 21
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC-DOS/MS-DOS
: SOFTWARE: ASCII (text)

```

```

: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: PCT/US95/16806A
: FILING DATE: December 22, 1995
: CLASSIFICATION:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: US 08/361,806
: FILING DATE: 22-DEC-1994
: INFORMATION FOR SEQ ID NO: 7:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 122 amino acids

```

1 TYPE: amino acid  
2 TOPOLOGY: linear  
3 MOLECULE TYPE: protein  
PCT US95-16806A-7

Query Match: 100.0%, Score 25, DB 5, Length 122,  
Best Local Similarity 100.0%, Pred. NO. 1.3e-02,  
Matches 5, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

QY 1 EREKE 5  
|||||  
DB 82 EREKE 86

## RESULT 8

US-08-905-223-412 Application US/080606223

1 Sequence 412, Application US/080606223  
2 Patent No. 6222029  
3 GENERAL INFORMATION:  
4 APPLICANT: Edwards, Jean-Baptiste D.  
5 APPLICANT: Duclercq, Aymeric  
6 APPLICANT: Lacroix, Bruno  
7 TITLE OF INVENTION: 5' ESTS FOR SECRETED PROTEINS  
8 NUMBER OF SEQUENCES: 53  
9 CORRESPONDENCE ADDRESS:  
10 ADDRESSEE: Knobbe, Martens, Olson & Bear  
11 STREET: 501 West Broadway  
12 CITY: San Diego  
13 STATE: California  
14 COUNTRY: USA  
15 ZIP: 92101-4505

16 COMPUTER READABLE FORM:  
17 MEDIUM TYPE: Floppy Disk  
18 COMPUTER: IBM PC compatible  
19 OPERATING SYSTEM: Win95  
20 SOFTWARE: Word  
21 CURRENT APPLICATION DATA:  
22 APPLICATION NUMBER: US/08/905,223  
23 FILING DATE:  
24 CLASSIFICATION: 536  
25 ATTORNEY/AGENT INFORMATION:  
26 NAME: Isaacson, Ned A.  
27 REGISTRATION NUMBER: 29,655  
28 REFERENCE/DOCKET NUMBER:  
29 TELECOMMUNICATION INFORMATION:  
30 TELEPHONE: (619) 245-8550  
31 TELEFAX: (619) 245-0176  
32 INFORMATION FOR SEQ ID NO: 412:

33 SEQUENCE CHARACTERISTICS:  
34 LENGTH: 133 amino acids  
35 TYPE: AMINO ACID  
36 TOPOLOGY: LINEAR  
37 MOLECULE TYPE: PROTEIN  
38 ORIGINAL SOURCE:  
39 ORGANISM: Homo Sapiens  
40 TISSUE TYPE: Brain  
41 FEATURE:  
42 NAME/KEY: sig.peptide  
43 LOCATION: 109...11  
44 IDENTIFICATION METHOD: Von Heijne matrix  
45 OTHER INFORMATION: score 6  
46 OTHER INFORMATION: seq HOLLIGMATSABA/AL

US-08-905-223-412

Query Match: 100.0%, Score 25, DB 4, Length 133,  
Best Local Similarity 100.0%, Pred. NO. 1.4e-02,  
Matches 5, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

QY 1 EREKE 5  
|||||  
DB 37 EREKE 41

## RESULT 9

US-08-914-375C-6

1 Sequence 6, Application US/08914375C  
2 Patent No. 6377893  
3 GENERAL INFORMATION:

4 APPLICANT: Steven A. Benner  
5 Applications of Protein Structure Predictions  
6 NUMBER OF SEQUENCES: 74  
7 CORRESPONDENCE ADDRESS:  
8 ADDRESSEE: Steven A. Benner  
9 STREET: 1501 NW 68th Terrace  
10 CITY: Gainesville  
11 STATE: FL  
12 COUNTRY: United States  
13 ZIP: 32605-4147

14 COMPUTER READABLE FORM:  
15 MEDIUM TYPE: 3.5 inch diskette  
16 COMPUTER: Apple Macintosh  
17 OPERATING SYSTEM: Macintosh 7.0  
18 SOFTWARE: Microsoft Word  
19 CURRENT APPLICATION DATA:  
20 APPLICATION NUMBER: US/08/914,375C  
21 FILING DATE: 19-Aug-1997  
22 CLASSIFICATION: 702/20  
23 TELECOMMUNICATION INFORMATION:  
24 TELEPHONE: 352 392 7773  
25 TELEFAX: 352 331 0462  
26 INFORMATION FOR SEQ ID NO: 6:

27 SEQUENCE CHARACTERISTICS:  
28 LENGTH: 218  
29 TYPE: amino acid  
30 TOPOLOGY: linear  
31 MOLECULE TYPE: amino acid  
32 ORIGINAL SOURCE:  
33 ORGANISM: Gallus gallus  
34 FEATURE:  
35 OTHER INFORMATION: HS9H\_CHICK HEAL SHOCK COGNATE PROTEIN RSP 90-BETA

36 SEQUENCE DESCRIPTION: SEQ ID NO: 6:  
US-08-914-375C-5

Query Match: 100.0%, Score 25, DB 4, Length 218;

Best Local Similarity 100.0%, Pred. NO. 2.2e-02;

Matches 5, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

QY 1 EREKE 5  
|||||

DB 211 EREKE 215

## RESULT 10

US-08-914-375C-11

1 Sequence 11, Application US/08914375C

2 Patent No. 6377893

3 GENERAL INFORMATION:

4 APPLICANT: Steven A. Benner  
5 Applications of Protein Structure Predictions  
6 NUMBER OF SEQUENCES: 74  
7 CORRESPONDENCE ADDRESS:  
8 ADDRESSEE: Steven A. Benner  
9 STREET: 1501 NW 68th Terrace  
10 CITY: Gainesville  
11 STATE: FL  
12 COUNTRY: United States  
13 ZIP: 32605-4147

14 COMPUTER READABLE FORM:  
15 MEDIUM TYPE: 3.5 inch diskette  
16 COMPUTER: Apple Macintosh  
17 OPERATING SYSTEM: Macintosh 7.0  
18 SOFTWARE: Microsoft Word  
19 CURRENT APPLICATION DATA:  
20 APPLICATION NUMBER: US/08/914,375C  
21 FILING DATE: 19-Aug-1997  
22 CLASSIFICATION: 702/20

US-08-914-375C-11

Query Match: 100.0%, Score 25, DB 4, Length 133;

Best Local Similarity 100.0%, Pred. NO. 1.4e-02;

Matches 5, Conservative 0, Mismatches 0, Indels 0, Gaps 0;

QY 1 EREKE 5  
|||||

DB 37 EREKE 41

```

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352 392 7773
; TELEFAX: 352 331 0462
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: amino acid
; ORIGINAL SOURCE:
; ORGANISM: Drosophila pseudoobscura
; FEATURE:
; OTHER INFORMATION: HSR3_DROPS HEAT SHOCK PROTEIN 83 (HSP 82) (FRAGMENT)
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-08-914-375C-11

Query Match 100.0%; Score 25; DB 4; Length 218;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5
DB 211 EREKE 215

RESULT 11
US-08-914-375C-14
; Sequence 14, Application US/08914375C
; Patent No. 6377893
; GENERAL INFORMATION:
; APPLICANT: Steven A. Benner
; Applications of Protein Structure Predictions
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven A. Benner
; STREET: 1501 NW 68th Terrace
; CITY: Gainesville
; STATE: FL
; COUNTRY: United States
; ZIP: 32605-4147
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.0
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/914,375C
; FILING DATE: 19-Aug-1997
; CLASSIFICATION: 702/20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352 392 7773
; TELEFAX: 352 331 0462
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: amino acid
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: HSR3_HUMAN HEAT SHOCK PROTEIN HSP 90-BETA (HSP 84)
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-08-914-375C-15

Query Match 100.0%; Score 25; DB 4; Length 218;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5
DB 211 EREKE 215

RESULT 13
US-08-914-375C-30
; Sequence 30, Application US/08914375C
; Patent No. 6377893
; GENERAL INFORMATION:
; APPLICANT: Steven A. Benner
; Applications of Protein Structure Predictions
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven A. Benner
; STREET: 1501 NW 68th Terrace
; CITY: Gainesville
; STATE: FL
; COUNTRY: United States
; ZIP: 32605-4147
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.0
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/914,375C
; FILING DATE: 19-Aug-1997
; CLASSIFICATION: 702/20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352 392 7773
; TELEFAX: 352 331 0462
; INFORMATION FOR SEQ ID NO: 14:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: amino acid
; ORIGINAL SOURCE:
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: HSR3_DROME HEAT SHOCK PROTEIN 83 (HSP 82)
; SEQUENCE DESCRIPTION: SEQ ID NO: 14:
US-08-914-375C-14

Query Match 100.0%; Score 25; DB 4; Length 218;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5
DB 211 EREKE 215

```

```

RESULT 12
US-08-914-375C-15
; Sequence 15, Application US/08914375C
; Patent No. 6377893
; GENERAL INFORMATION:
; APPLICANT: Steven A. Benner
; Applications of Protein Structure Predictions
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven A. Benner
; STREET: 1501 NW 68th Terrace
; CITY: Gainesville
; STATE: FL
; COUNTRY: United States
; ZIP: 32605-4147
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.0
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/914,375C
; FILING DATE: 19-Aug-1997
; CLASSIFICATION: 702/20
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 352 392 7773
; TELEFAX: 352 331 0462
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 218
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: amino acid
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: HSR3_HUMAN HEAT SHOCK PROTEIN HSP 90-BETA (HSP 84)
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-08-914-375C-15

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Best Local Similarity 100.0%; Pred. No. 2.2e+02;
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QY 1 EREKE 5
DB 211 EREKE 215

RESULT 13
US-08-914-375C-30
; Sequence 30, Application US/08914375C
; Patent No. 6377893
; GENERAL INFORMATION:
; APPLICANT: Steven A. Benner
; Applications of Protein Structure Predictions
; NUMBER OF SEQUENCES: 74
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Steven A. Benner
; STREET: 1501 NW 68th Terrace
; CITY: Gainesville
; STATE: FL
; COUNTRY: United States
; ZIP: 32605-4147
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: Apple Macintosh
; OPERATING SYSTEM: Macintosh 7.0
; SOFTWARE: Microsoft Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/914,375C

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1 FILING DATE: 19 Aug-1997  
2 CLASSIFICATION: 702/20  
3 TELECOMMUNICATION INFORMATION:  
4 TELEPHONE: 352 492 7773  
5 TELEFAX: 352 431 0462

6 INFORMATION FOR SEQ ID NO: 30:  
7 SEQUENCE CHARACTERISTICS:

8 LENGTH: 218

9 TYPE: amino acid

10 TOPOLOGY: linear

11 MOLECULE TYPE: amino acid

12 ORIGINAL SOURCE:

13 ORGANISM: Rattus sp. brain

14 FEATURE:

15 OTHER INFORMATION: HEAT SHOCK PROTEIN 90

16 SEQUENCE DESCRIPTION: SEQ ID NO: 30:

17 US 08 914-4750-40

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Best Local Similarity 100.0%; Pred. No. 2.2e+02;

Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5

DB 211 EREKE 215

RESULT 14

US 08 961-858-6

1 Sequence 6, Application US/08961858

2 Patent No. 584210

3 GENERAL INFORMATION:

4 APPLICANT: Liu, Shiqui

5 APPLICANT: Shi, Qunwei

6 TITLE OF INVENTION: STABLE TROPONIN SUBUNITS AND COMPLEXES

7 NUMBER OF SEQUENCES: 6

8 CORRESPONDENCE ADDRESS:

9 ADDRESSEE: Klauber & Jackson

10 STREET: 411 Hackensack Avenue, 4th Floor

11 CITY: Hackensack

12 STATE: New Jersey

13 COUNTRY: USA

14 ZIP: 07601

15 COMPUTER READABLE FORM:

16 MEDIUM TYPE: Floppy disk

17 COMPUTER: IBM PC compatible

18 OPERATING SYSTEM: PC-DOS/MS-DOS

19 SOFTWARE: Patent In Release #1.0, Version #1.30

20 CURRENT APPLICATION DATA:

21 APPLICATION NUMBER: US/08/961,858

22 FILING DATE:

23 CLASSIFICATION: 435

24 ATTORNEY/AGENT INFORMATION:

25 NAME: Jackson Esq., David A.

26 REGISTRATION NUMBER: 26,742

27 REFERENCE/DOCKET NUMBER: 1112-1-044 CIP

28 TELECOMMUNICATION INFORMATION:

29 TELEPHONE: 201-487-5800

30 TELEFAX: 201-343-1684

31 TELEX: 143521

32 INFORMATION FOR SEQ ID NO: 6:

33 SEQUENCE CHARACTERISTICS:

34 LENGTH: 288 amino acids

35 TYPE: amino acid

36 STRANDEDNESS: single

37 TOPOLOGY: linear

38 MOLECULE TYPE: protein

39 HYPOTHETICAL: No

40 US 08-961-858-6

Query Match

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Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5

DB 143 EREKE 147

RESULT 15

US-09-089-593-6

1 Sequence 6, Application US/09089593

2 Patent No. 6060278

3 GENERAL INFORMATION:

4 APPLICANT: Liu, Shiqui

5 APPLICANT: Shi, Qunwei

6 TITLE OF INVENTION: STABLE TROPONIN SUBUNITS AND COMPLEXES

7 NUMBER OF SEQUENCES: 6

8 CORRESPONDENCE ADDRESS:

9 ADDRESSEE: Klauber & Jackson

10 STREET: 411 Hackensack Avenue, 4th Floor

11 CITY: Hackensack

12 STATE: New Jersey

13 COUNTRY: USA

14 ZIP: 07601

15 COMPUTER READABLE FORM:

16 MEDIUM TYPE: Floppy disk

17 COMPUTER: IBM PC compatible

18 OPERATING SYSTEM: PC-DOS/MS-DOS

19 SOFTWARE: Patent In Release #1.0, Version #1.30

20 CURRENT APPLICATION DATA:

21 APPLICATION NUMBER: US/09/089,593

22 FILING DATE:

23 CLASSIFICATION:

24 PRIOR APPLICATION DATA:

25 APPLICATION NUMBER: 08/961,858

26 FILING DATE:

27 ATTORNEY/AGENT INFORMATION:

28 NAME: Jackson Esq., David A.

29 REGISTRATION NUMBER: 26,742

30 REFERENCE/DOCKET NUMBER: 1112-1-044 CIP

31 TELECOMMUNICATION INFORMATION:

32 TELEPHONE: 201-487-5800

33 TELEFAX: 201-343-1684

34 TELEX: 133521

35 INFORMATION FOR SEQ ID NO: 6:

36 SEQUENCE CHARACTERISTICS:

37 LENGTH: 288 amino acids

38 TYPE: amino acid

39 STRANDEDNESS: single

40 TOPOLOGY: linear

41 MOLECULE TYPE: protein

42 HYPOTHETICAL: No

43 US-09-089-593-6

Query Match

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Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EREKE 5

DB 143 EREKE 147

Search completed: January 16, 2003, 16:59:09

Job time : 6.14286 secs